APPENDIX C

FOR

UNITED STATES LETTERS PATENT

TITLE: LINKS FOR CONFIGURING A VIRTUAL PRIVATE NETWORK

APPLICANT: MATTHEW W. POISSON
              MELISSA L. DESROCHES
              JAMES M. MILILLO

13 PAGES

Item   Edit   View   Tools   Help

Palette | **Properties** | Wizards | Access | Web Pages |

Basic |

- Administrator@049089.fr.com
  - Server Setup
  - Configuration Data
    - Jane Roe
    - John Doe
    - Extranet Switch
      - **Radius Accounting Serve**
      - LDAP External Server
      - Extranet IPX
      - SNMP
      - Radius Authentication Se
      - Tunnels
      - User IP Pool Server
      - Private Ethernet
  - Scheduler
  - Scripts
  - Saved Search Results

Enable Internal Radius Accounting

Session Update Interval (hh:mm:ss)   00:05:00

Enable External Radius Accounting

Host Name/Address

Port

Secret

Undo |

Messages | Shell |

Clear |

Optivity NETconfigurator — □ ×

Item   Edit   View   Tools   Help

- Administrator@049089.fr.com
  - Server Setup
  - Configuration Data
    - Jane Roe
    - John Doe
    - Extranet Switch
      - Radius Accounting Serve
      - **LDAP External Server**
      - Extranet IPX
      - SNMP
      - Radius Authentication Se
      - Tunnels
      - User IP Pool Server
      - Private Ethernet
  - Scheduler
  - Scripts
  - Saved Search Results

Palette | **Properties** | Wizards | Access | Web Pages |

Basic |

| | Base DN | o=Bay Networks, c=U |

Delimiter

Remove Suffix from UID ☐

	Host N≉AddrAddress	Connection	Port
Master		PORT ▾	
Slave 1		PORT ▾	
Slave 2		PORT ▾	

+ ☐ Enable

Undo |

Messages | Shell |

Clear |

Optivity NETconfigurator   _ □ ×

Item   Edit   View   Tools   Help

| Palette | **Properties** | Wizards | Access | Web Pages |

⊟ Administrator@049089.fr.com
  ⊞ Server Setup
  ⊟ Configuration Data
    ⊞ Jane Roe
    ⊞ John Doe
    ⊟ Extranet Switch
      — Radius Accounting Serve
      — LDAP External Server
      — **Extranet IPX**
      — SNMP
      — Radius Authentication Se
      — Tunnels
      — User IP Pool Server
      — Private Ethernet
  — Scheduler
  — Scripts
  — Saved Search Results

Basic

Public Network Address   [   ]

Default Nearest Server   [   ]

Maxiumum SAP Entries   [1024   ⇕]

           Slot   Interface
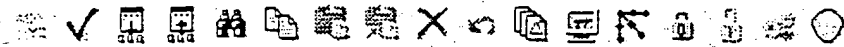
+   [⇕]   [⇕]   ☐ Enable

Undo

| **Messages** | Shell |

Clear

Item Edit View Tools Help

Palette | **Properties** | Wizards | Access | Web Pages |

Basic |

- ⊟ 🖳 Administrator@049089.fr.com
  - ⊕ 🖪 Server Setup
  - ⊟ 🛄 Configuration Data
    - ⊕ 🕸 Jane Roe
    - ⊕ 🕸 John Doe
    - ⊟ 🕘 Extranet Switch
      - 🖫 Radius Accounting Serve
      - 🖫 LDAP External Server
      - ↴ Extranet IPX
      - ↴ **SNMP**
      - 🖫 Radius Authentication Se
      - Ⓝ Tunnels
      - 🖫 User IP Pool Server
      - ⊢⏌ Private Ethernet
  - 🕘 Scheduler
  - ◇ Scripts
  - 🔍 Saved Search Results

	Host Name/Address	Community Name
+ ☐ Enable		
+ ☐ Enable		
+ ☐ Enable		
+ ☐ Enable		

	Description	Interval (hh:mm:ss)
+ ☐ Enable		

Undo |

Messages | Shell |
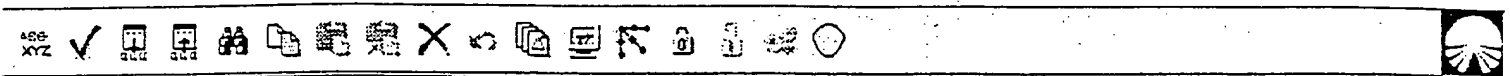
Clear |

Optivity NETconfigurator

Item   Edit   View   Tools   Help

Palette | **Properties** | Wizards | Access | Web Pages |

Basic

⊟ 🖳 Administrator@049089.fr.com
  ⊕ 📄 Server Setup
  ⊟ 🖩 Configuration Data
    ⊕ 🌐 Jane Roe
    ⊕ 🌐 John Doe
    ⊟ 🖳 Extranet Switch
      ── 🖳 Radius Accounting Serve
      ── 🖳 LDAP External Server
      ── 🗸 Extranet IPX
      ── 🗸 SNMP
      ── 🖳 **Radius Authentication Se**
      ── 🌐 Tunnels
      ── 🖳 User IP Pool Server
      ── └┘ Private Ethernet
  ── 🕘 Scheduler
  ── ◇ Scripts
  ── 🔍 Saved Search Results

← → | 1 | Page 1 of 2

Delimiter Value

Remove Suffix from User ID ☐

Enable AXENT Authentication ☐

Enable SecurID Authentication ☐

Enable MS-CHAP Authentication ☐

Enable CHAP Authentication ☐

Enable PAP Authentication ☐

Enable Primary Server ☐

Primary Server Host Name/Address ☐
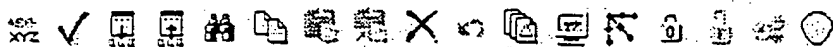
Primary Server Port 1645 ⬍

Primary Secret ☐

Undo

Messages | Shell |

Clear

Optivity NETconfigurator — □ ✕

Item   Edit   View   Tools   Help

🔀 ✓ 🖳 🖳 🎏 🗋 🗃 🗃 ✕ ↰ 🗐 🖳 🧮 🔳 🔳 ⟴ ◯

| Palette | **Properties** | Wizards | Access | Web Pages |

☐⁻🗗 Administrator@049089.fr.com

　⊕⁻🅱 Server Setup

　☐⁻🎞 Configuration Data

　　⊕⁻🌐 Jane Roe

　　⊕⁻🌐 John Doe

　　☐⁻🌀 Extranet Switch

　　　🗗 Radius Accounting Serve

　　　🗗 LDAP External Server

　　　⤳ Extranet IPX

　　　⤳ SNMP

　　　🗗 **Radius Authentication Se**

　　　🆂 Tunnels

　　　🗗 User IP Pool Server

　　　⊢⅃ Private Ethernet

　⊙ Scheduler

　◻ Scripts

　🔍 Saved Search Results

Basic

◀ | ▶ | 2 | Page 2 of 2

Alternate 2 Server Host Name/Address | _____

Alternate 2 Server Port | 1645 ⬍

Alternate 2 Secret | _____

Undo

| **Messages** | Shell |
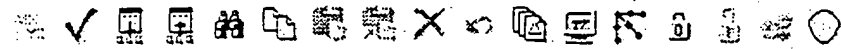
Clear

Optivity NETconfigurator

Item   Edit   View   Tools   Help

Palette | **Properties** | Wizards | Access | Web Pages |

IPSec | PPTP | L2TP | L2F |

← | → | 1 | Page 1 of 2

- Administrator@049089.fr.com
  - Server Setup
  - Configuration Data
    - Jane Roe
    - John Doe
    - Extranet Switch
      - Radius Accounting Serve
      - LDAP External Server
      - Extranet IPX
      - SNMP
      - Radius Authentication Se
      - **Tunnels**
      - User IP Pool Server
      - Private Ethernet
  - Scheduler
  - Scripts
  - Saved Search Results

Enable RADIUS Authentication ☐
Load Balance Enabled ☐
Load Balance Host [   ]
Failover Host 1 Enabled ☐
Failover Host 1 IP Address [   ]
Failover Host 2 Enabled ☐
Failover Host 2 IP Address [   ]
Failover Host 3 Enabled ☐
Failover Host 3 IP Address [   ]
Authentication: User Name and Password ☐
Authentication: RSA Digital Signature ☐
RADIUS Authentication: AXENT Technologies Defender ☐

Undo

Messages | Shell |

Clear

Optivity NETconfigurator — □ ×

Item   Edit   View   Tools   Help

Palette | **Properties** | Wizards | Access | Web Pages

IPSec | PPTP | L2TP | L2F

| ← | → | 2 | Page 2 of 2

- ☐ Administrator@049089.fr.com
  - ☐ Server Setup
  - ☐ Configuration Data
    - Jane Roe
    - John Doe
    - Extranet Switch
      - Radius Accounting Serve
      - LDAP External Server
      - Extranet IPX
      - SNMP
      - Radius Authentication Se
      - **Tunnels**
      - User IP Pool Server
      - Private Ethernet
  - Scheduler
  - Scripts
  - Saved Search Results

Encryption: ESP - 56-bit DES with MD5 Integrity ☐

Encryption: ESP - 40-bit DES with MD5 Integrity ☐

Encryption: AH - Authentication Only (HMAC-SHA) ☐

Encryption: AH - Authentication Only (HMAC-MD5) ☐
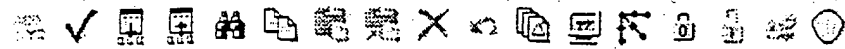
Undo

Messages | Shell

Clear

Item   Edit   View   Tools   Help

Administrator@049089.fr.com
  Server Setup
  Configuration Data
    Jane Roe
    John Doe
    Extranet Switch
      Radius Accounting Serve
      LDAP External Server
      Extranet IPX
      SNMP
      Radius Authentication Se
      Tunnels
      User IP Pool Server
      Private Ethernet
  Scheduler
  Scripts
  Saved Search Results

Palette | **Properties** | Wizards | Access | Web Pages

IPSec | **PPTP** | L2TP | L2F

PrintKey® V1.8 ** FreeWare ** for Win95 & NT4.0

RC4-40   ☐ RC4-128

Options
☑ Centered
☐ Stretched
☐ Monochrome
☐ Inverse Colors
☐ Mirrored Image
☐ Date +Time
◉ Portrait ○ Landscape
Default Printer ▼
☐ Immediate Action
☐ Large Form
     Save Options

     Print
  Printer Setup
  BMP Viewer
  Save as BMP
  Select Rect.
     Cancel

The Image will be centered on page | 4/1/99 5:26 PM

Undo

Messages | Shell

Clear

Optivity NETconfigurator

Item   Edit   View   Tools   Help

Palette | **Properties** | Wizards | Access | Web Pages |

IPSec | PPTP | **L2TP** | L2F |

- Administrator@049089.fr.com
  - Server Setup
  - Configuration Data
    - Jane Roe
    - John Doe
    - Extranet Switch
      - Radius Accounting Serve
      - LDAP External Server
      - Extranet IPX
      - SNMP
      - Radius Authentication Se
      - **Tunnels**
      - User IP Pool Server
      - Private Ethernet
    - Scheduler
    - Scripts
    - Saved Search Results

RADIUS Authentication ☐

MSCHAP ☐ Not Encrypted   ☐ RC4-40   ☐ RC4-128

CHAP ☐

PAP ☐
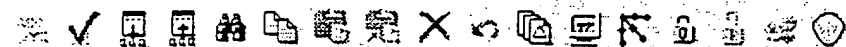
Undo

Messages | Shell |

Clear

Optivity NETconfigurator

Item   Edit   View   Tools   Help

Administrator@049089.fr.com

- Server Setup
- Configuration Data
  - Jane Roe
  - John Doe
  - Extranet Switch
    - Radius Accounting Serve
    - LDAP External Server
    - Extranet IPX
    - SNMP
    - Radius Authentication Se
    - **Tunnels**
    - User IP Pool Server
    - Private Ethernet
  - Scheduler
  - Scripts
  - Saved Search Results

Palette | **Properties** | Wizards | Access | Web Pages

IPSec | PPTP | L2TP | **L2F**

Enable RADIUS Authentication ☐

CHAP ☐

PAP ☐

Undo

Messages | Shell

Clear

Item   Edit   View   Tools   Help

✕ ✓ 🖳 🖳 🏚 🗐 🗃 🗑 ✕ ↺ 🗇 🖾 🎋 🔓 🔏 ✍ ◯

⊟ 🖳 Administrator@049089.fr.com

  ⊕ 🖪 Server Setup

  ⊟ 🖿 Configuration Data

    ⊕ 🌐 Jane Roe

    ⊕ 🌐 John Doe

    ⊟ 🖧 Extranet Switch

      🖪 Radius Accounting Serve

      🖪 LDAP External Server

      ⥁ Extranet IPX

      ⥁ SNMP

      🖪 Radius Authentication Se

      🕲 Tunnels

      🖪 **User IP Pool Server**

      ⊔ Private Ethernet

  🕐 Scheduler

  ◇ Scripts

  🔍 Saved Search Results

Palette | **Properties** | Wizards | Access | Web Pages

Basic

Address Acquisition	Internal Address Poo ▾
DHCP Cache Size	5 ⇕
Release IP Addresses Immediately	☐
Any DHCP Server	☑
Specified DHCP Servers	☐
Primary DHCP Server	
Secondary DHCP Server	
Tertiary DHCP Server	

          Starting Address   Ending Address

+ Internal Address Pool

Undo

Messages | Shell

Clear

Optivity NETconfigurator

Item   Edit   View   Tools   Help

Palette | **Properties** | Wizards | Access | Web Pages

Basic

- Administrator@049089.fr.com
  - Server Setup
  - Configuration Data
    - Jane Roe
    - John Doe
    - Extranet Switch
      - Radius Accounting Serve
      - LDAP External Server
      - Extranet IPX
      - SNMP
      - Radius Authentication Se
      - Tunnels
      - User IP Pool Server
      - **Private Ethernet**
  - Scheduler
  - Scripts
  - Saved Search Results

IP Address

Interface Description

Subnet Mask

Undo

Messages | Shell

Clear